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10MR74

Seventh Semester B.E. Degree Examination, June/July 2016
Ship Operations and Management

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, selecting atleast TWO questions from each part.

PART - A

- 1 a. Briefly explain : i) Liner Shipping Services ii) Tramp Shipping Services. (10 Marks)
 b. 1) Explain what is stowage factor. (02 Marks)
 2) Explain how the following cargo are Storage and their Storage factor :
 i) Apples ii) Coal iii) Cotton iv) Grain. (08 Marks)
- 2 a. List out and explain 5 factors that influence freight rates. (10 Marks)
 b. i) What is a Charter party? (02 Marks)
 ii) List out the factors that are used to determine the fixture rates in chartering. (08 Marks)
- 3 a. What is a Cargo Survey? Explain the different types of Cargo surveys. (10 Marks)
 b. i) What is TEO? (02 Marks)
 ii) Write a short note on carriage of goods by Sea Act (COGSA). (08 Marks)
- 4 Write down in detail the principle risks covered by the P and I club. (20 Marks)

PART - B

- 5 a. What is a Ship Management Company? Explain the policies decided by the Management and the management argument. (10 Marks)
 b. In a Shipping company, explain the roles of :
 i) The Operations department ii) The Commercial department. (10 Marks)
- 6 a. While designing a ship for commercial operations, what are the tasks undertaken by the naval architect? (10 Marks)
 b. Explain in detail how ship owners and managers finance new Ship building projects. (10 Marks)
- 7 a. What is Voyage planning? (02 Marks)
 b. Explain the following with respect to Voyage planning :
 i) Bunkering ii) Routing. (18 Marks)
- 8 With respect to Merchant Shipping Act 1958 (India) discuss
 a. Its formation and purposes of the Act. (10 Marks)
 b. General overview of the Act. (10 Marks)
